

TITLE 106 - NEBRASKA STATE ENERGY OFFICE

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CODE 007 - Elements of the Energy Analysis

007.01 Energy Analysis for Building and Equipment Improvement. The Energy Analysis for Building and Equipment improvements shall accompany the Project Inquiry or the Loan Application and shall:

007.01A. be a Technical Analysis done under the School District Energy Efficiency Program (Code 006), or be a technical assistance study done under the Institutional Conservation Program or be made on Agency forms;

007.01B. be based on an on-site inspection of the Building, facility or Complex;

007.01C. for the Building, facility or Complex where the Project will take place include a description of the Building or Equipment improvement Project, the monthly energy consumption for the past 12 months and an estimate of the life expectancy of the Building, facility or Complex and the material or Equipment to be installed;

007.01D. for each Measure:

007.01D1. describe the problem the Measure will address;

007.01D2. describe the Measure and how it will solve the problem;

007.01D3. describe the specific materials, Equipment and services needed for the Project;

007.01D4. estimate the life expectancy of the materials and Equipment to be installed;

007.01D5. estimate the annual energy savings in Btu;

007.01D6. estimate the annual Energy Cost Savings;

007.01D7. estimate the cost of material, Equipment, labor, In-Kind Services, design, engineering and oversight costs and any other costs of the Project;

007.01D8. estimate the Simple Payback, based on all costs identified in Code 007.01D7;

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007.01D9. estimate the effects of any Interaction between two or more Measures;

007.01D10. be consistent with the requirements of Code 011; and

007.01D11. be reasonable;

007.01E. provide a summary of the Measures on Agency forms;

007.01F. include a No-Interest Statement signed by the preparer;

007.01G. include a statement signed by the preparer certifying that:

007.01G1. the information contained in the Energy Analysis is true;

007.01G2. the calculations are correct and accurate to the best of the preparer's knowledge; and .

007.01G3. the preparer will answer all related questions from the Agency.

007.02 Energy Analysis for a Program. The Energy Analysis for a Program shall accompany the Project Inquiry or the Loan Application and shall:

007.02A. be a Technical Analysis done under the School District Energy Efficiency Program, or be a technical assistance study done under the Institutional Conservation Program or be made on Agency forms;

007.02B. describe the Program in specific detail including but not limited to:

007.02B1. the nature of the existing condition being addressed;

007.02B2. the current annual energy use and cost; and

007.02B3. an estimate of the life expectancy;

007.02C. for each Program:

007.02C1. describe the specific materials, equipment and services needed;

007.02C2. estimate the life expectancy of the materials and equipment to be installed, if any;

007.02C3. estimate the annual energy savings in Btu;

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007.02C4. estimate the annual Energy Cost Savings;

007.02C5. estimate the cost, if any, of material, equipment, labor, In-Kind Services, design, engineering and oversight costs and any other costs;

007.02C6. estimate the Simple Payback based on all costs identified in Code 007.02C5;

007.02C7. estimate the effects, if any, of any Interaction between two or more Programs;

007.02C8. be consistent with the requirements of Code 011; and

007.02C9. be reasonable;

007.02D. provide a summary of the Program on Agency forms;

007.02E. include a No-Interest Statement signed by the preparer;

007.02F. include a statement signed by the preparer certifying that:

007.02F1. the information contained in the Energy Analysis is true;

007.02F2. the calculations are correct and accurate to the best of the preparer's knowledge; and

007.02F3. the preparer will answer all related questions from the Agency.

007.03 Energy Analysis for a Alternate Fuel Vehicle and/or Fueling Facility. The Energy Analysis for purchasing an Alternate Fuel vehicle or Converting a gasoline or diesel powered vehicle to an Alternate Fuel or for construction or purchase of a Fueling Facility accompanying the Loan Application or Project Inquiry shall:

007.03A. be made on Agency forms;

007.03B. include a No-Interest Statement signed by the preparer;

007.03C. include a statement signed by the preparer certifying that:

007.03C1. the information contained in the Energy Analysis is true; and

007.03C2. the preparer will answer all related questions from the Agency;

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007.03D. provide information on the existing fleet including the type and amount of fuel used, cost of fuel used, miles driven, number and type of vehicles and ownership of vehicles;

007.03E. for vehicle replacement or addition:

007.03E1. describe the new vehicle;

007.03E2. list the type of fuel, projected cost per unit and the annual amount of fuel to be used;

007.03E3. estimate the life expectancy of the new vehicle;

007.03E4. identify ownership of the new vehicle;

007.03E5. list passenger capacity;

007.03E6. list the project cost;

007.03E6a. if the vehicle is designed to operate on one fuel it is the cost of the vehicle;

007.03E6b. if it is a dual-fuel vehicle designed to operate on two fuels it is the additional cost exclusively associated with the alternate fuel vehicle equipment; and

007.03E7. if applicable, information on the vehicle being replaced, use of old and use of new vehicle, age of old vehicle, miles of old vehicle driven annually and fuel type of old vehicle;

007.03F. for vehicle Conversion:

007.03F1. describe the vehicle being Converted;

007.03F2. list miles driven annually;

007.03F3. list type of fuel previously used and to be used including projected cost per unit and annual amount of fuel;

007.03F4. list ownership;

007.03F5. estimate life expectancy after Conversion;

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007.03F6. list passenger capacity;

007.03F7. describe the specific Conversion Equipment; and

007.03F8. list cost of Conversion Equipment and any other related costs including:

007.03F8a. material, equipment, labor and In-Kind Services;

007.03G. for a Fueling Facility:

007.03G1. describe current facilities, if any;

007.03G2. describe proposed facility and/or Equipment;

007.03G3. list the proposed fuel type;

007.03G4. list number of vehicles to be served;

007.03G5. estimate the costs including:

007.03G5a. material, Equipment, labor, In-Kind Services, design, engineering, and oversight, any other related costs, be reasonable; and

007.03G6. estimate the life expectancy.